Fig.1

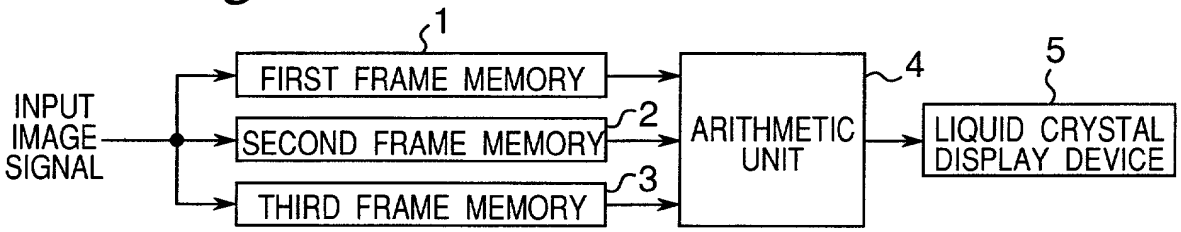

1
FIRST FRAME MEMORY
INPUT IMAGE SIGNAL
2
SECOND FRAME MEMORY
3
THIRD FRAME MEMORY
ARITHMETIC UNIT
4
5
LIQUID CRYSTAL DISPLAY DEVICE

Fig.2

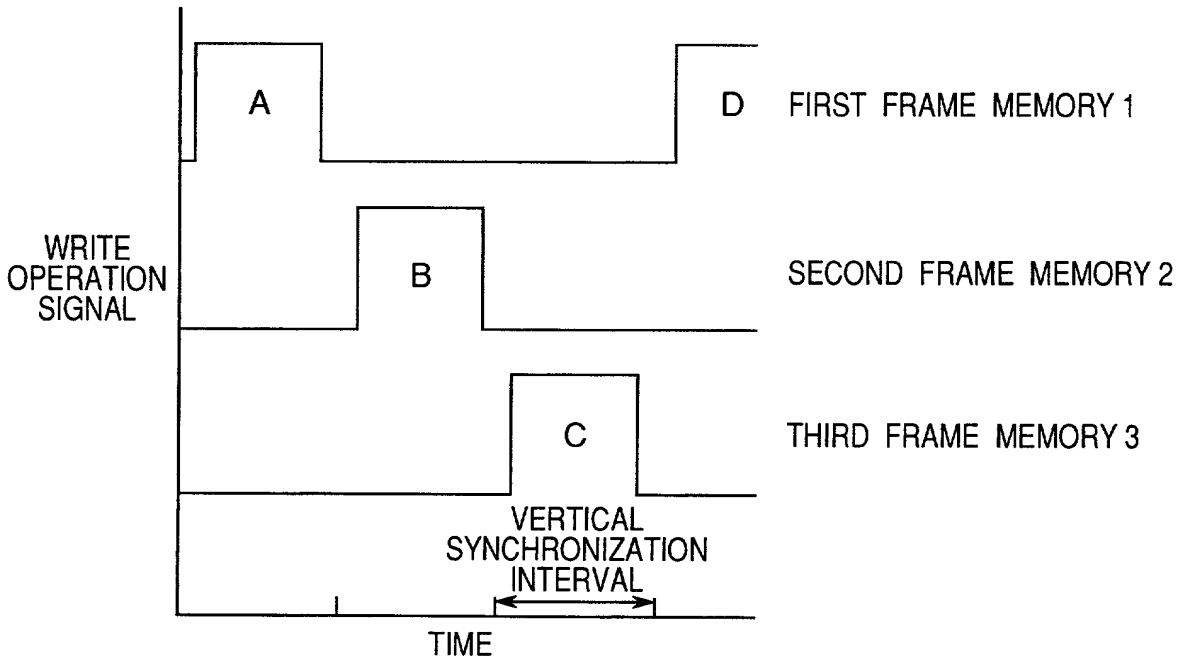

A
D
FIRST FRAME MEMORY 1
WRITE OPERATION SIGNAL
B
SECOND FRAME MEMORY 2
C
THIRD FRAME MEMORY 3
VERTICAL SYNCHRONIZATION INTERVAL
TIME

Fig.3

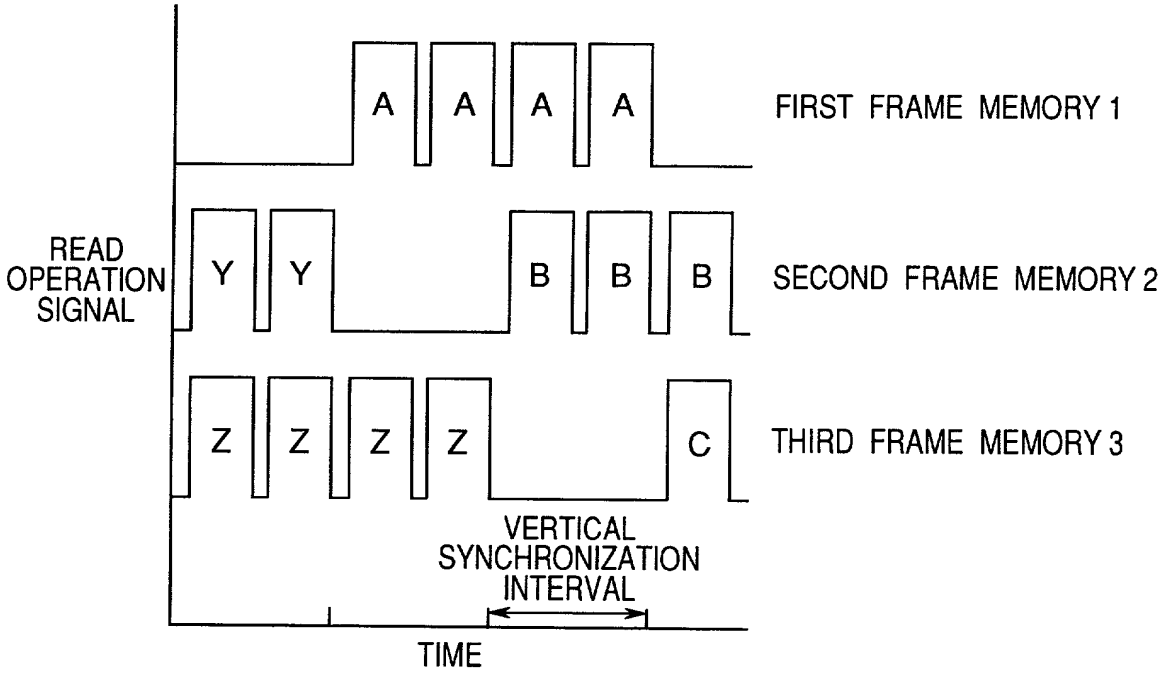


Fig.4

		DATA VALUE OF PREVIOUS IMAGE SIGNAL					
		10	20	30	40	50	60
DATA VALUE OF CURRENT IMAGE SIGNAL	10	10	8	6	4	2	0
	20	22	20	18	16	14	12
	30	34	32	30	28	26	24
	40	46	44	42	40	38	36
	50	58	56	54	52	50	48
	60	70	68	66	64	62	60

Fig.5

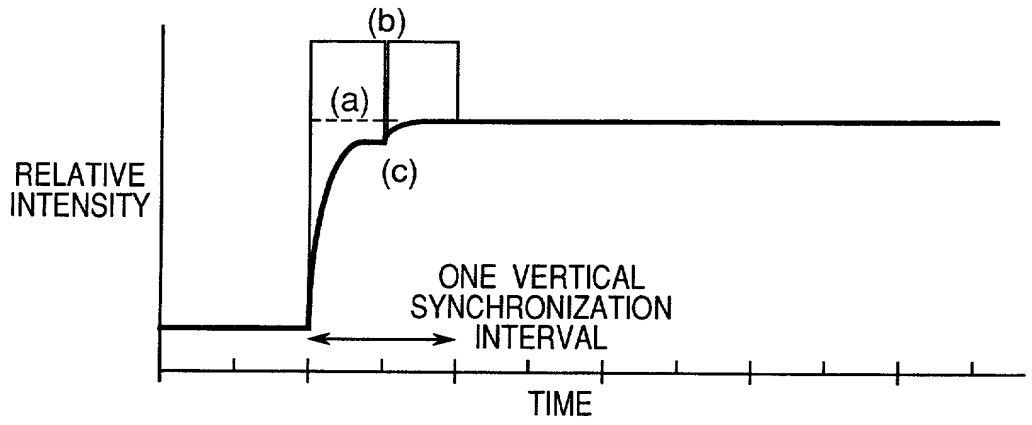


Fig.6

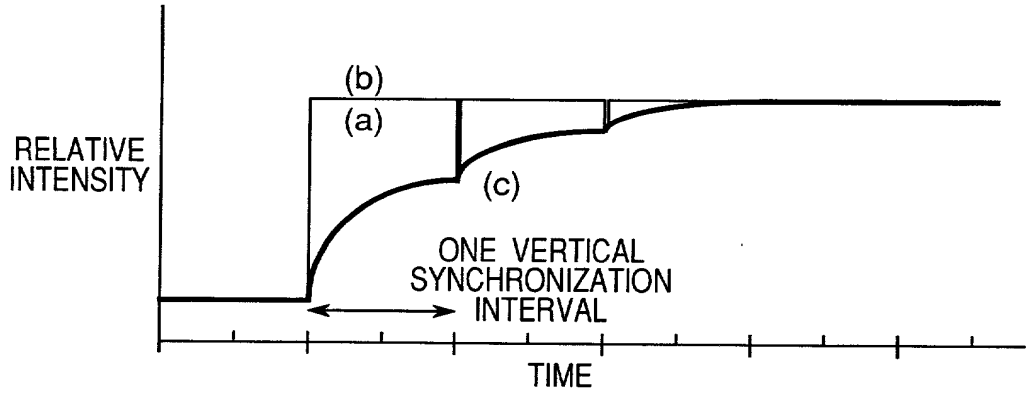


Fig.7

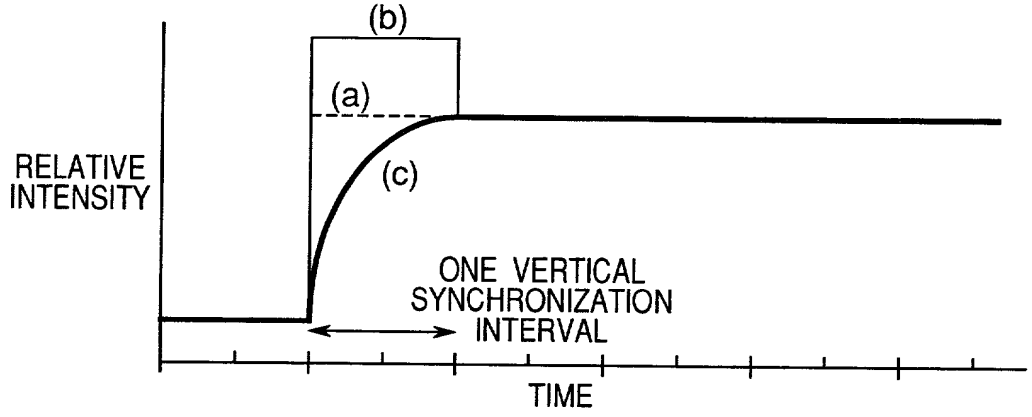


Fig.8

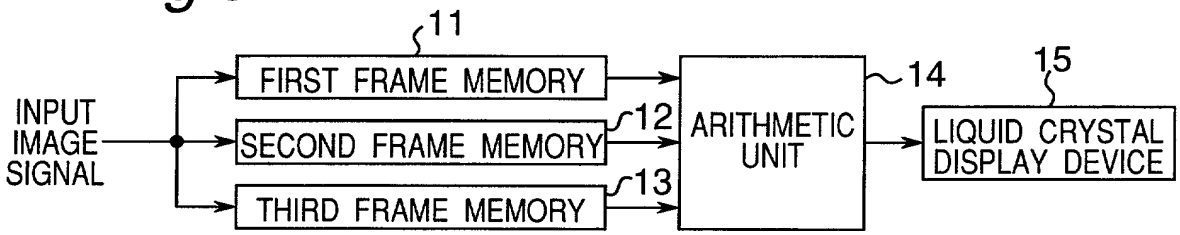


Fig.9

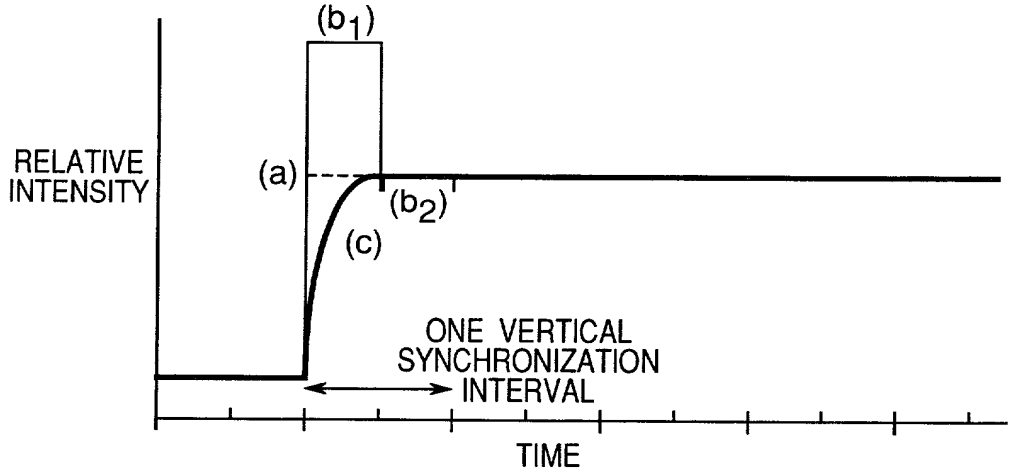


Fig.10

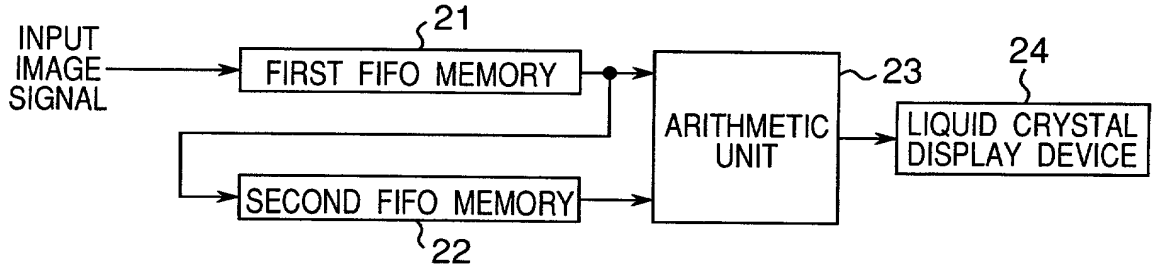


Fig.11

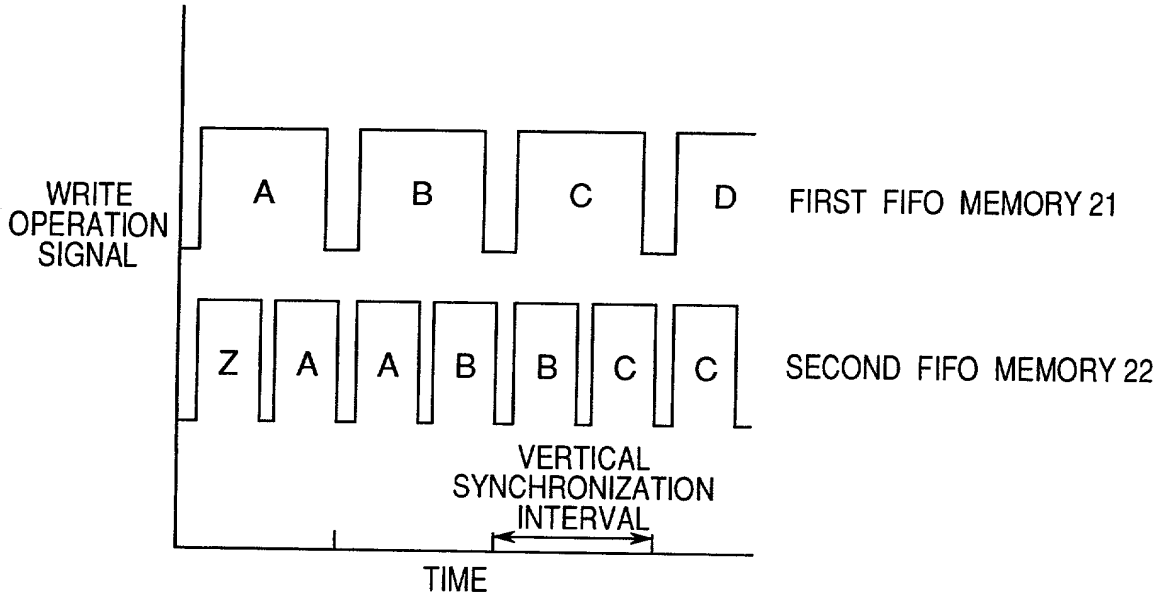

WRITE OPERATION SIGNAL
A
B
C
D
FIRST FIFO MEMORY 21
Z
A
A
B
B
C
C
SECOND FIFO MEMORY 22
VERTICAL SYNCHRONIZATION INTERVAL
TIME

Fig.12

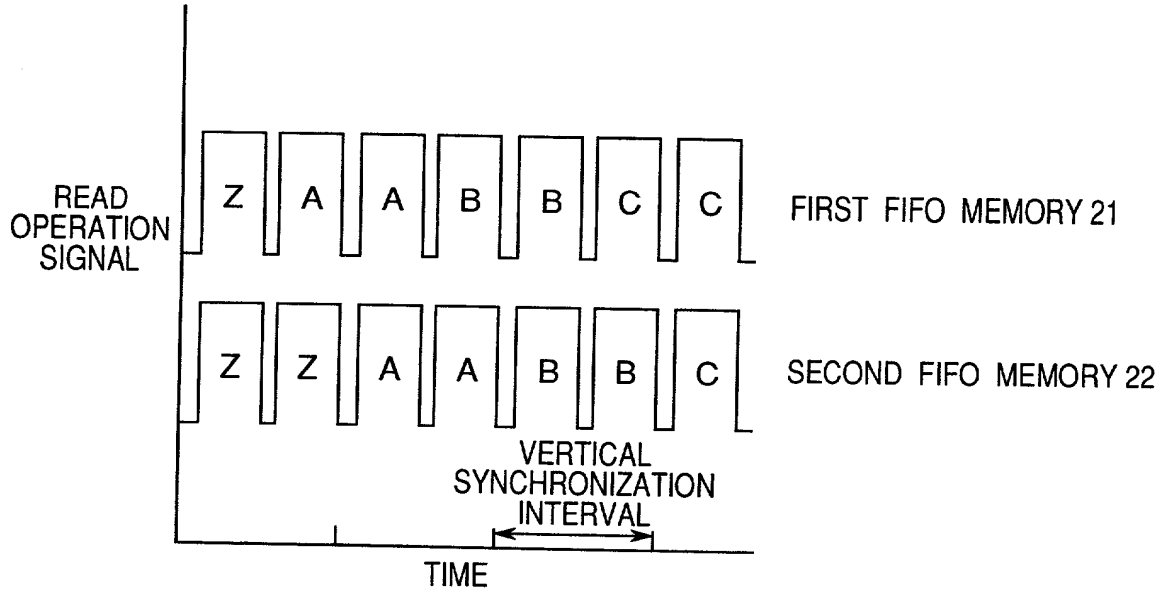

READ OPERATION SIGNAL
Z
A
A
B
B
C
C
FIRST FIFO MEMORY 21
Z
Z
A
A
B
B
C
SECOND FIFO MEMORY 22
VERTICAL SYNCHRONIZATION INTERVAL
TIME

Fig.13

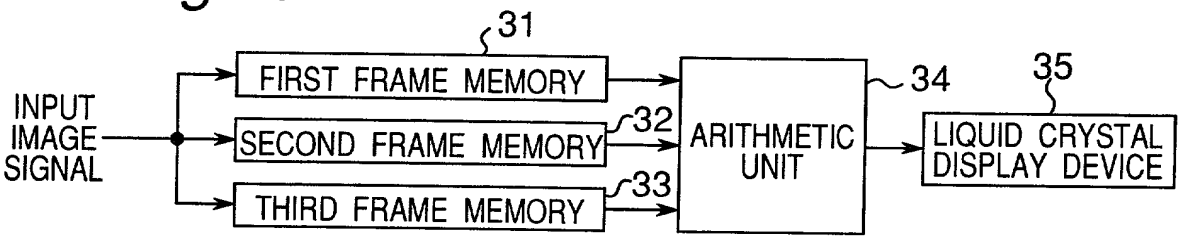


Fig.14

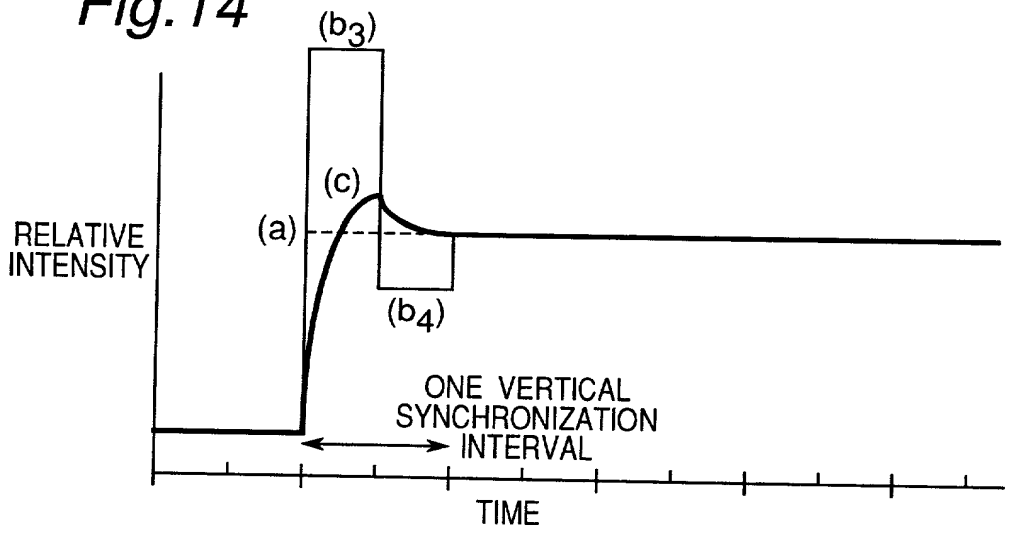


Fig.15

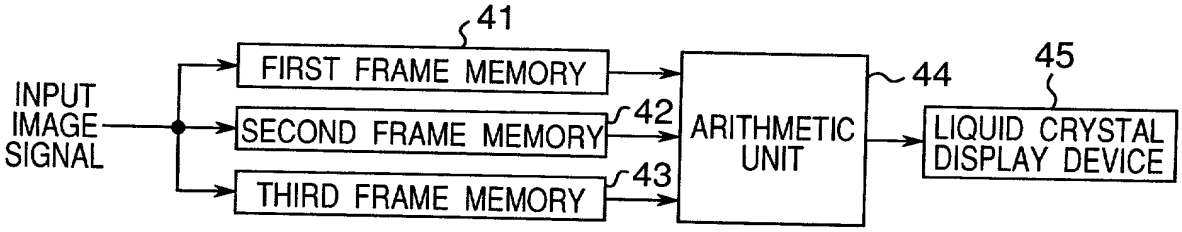
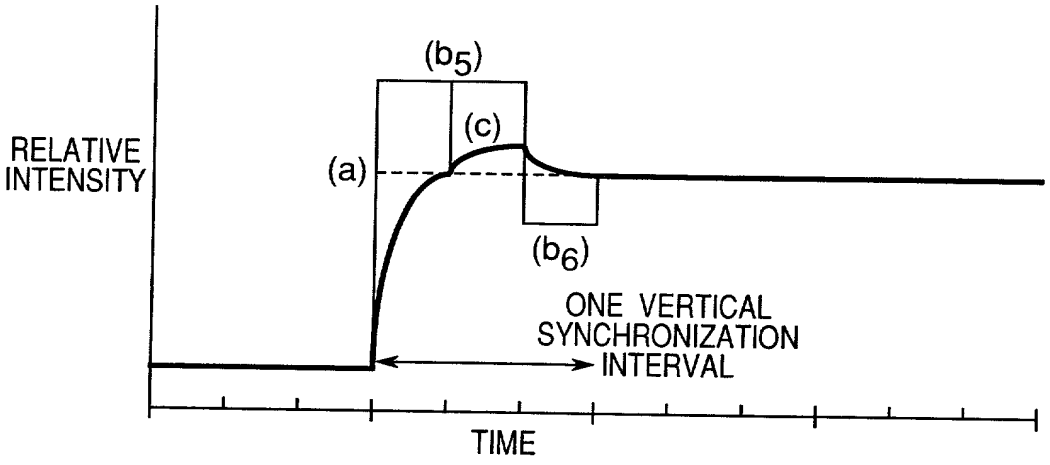


Fig.16


RELATIVE INTENSITY
(a)
(b5)
(c)
(b6)
ONE VERTICAL SYNCHRONIZATION INTERVAL
TIME